



# Experimental Gulf of Mexico HAB

## Bulletin 11

20 October 2000

NOS/NCCOS

NOS/CSC

NESDIS/CoastWatch

Last Bulletin: 18 October 2000

## Analysis

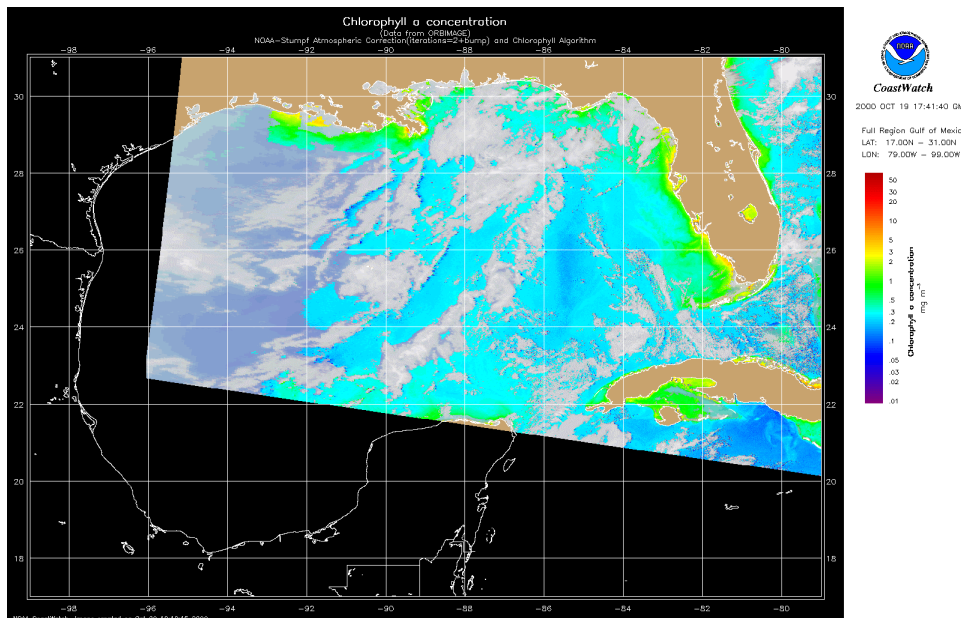
**SW Florida:** After persisting and increasing by 2-3 fold over the past week, the bloom off Sanibel/Ft. Myers decreased substantially between Oct 17 and Oct 19. On Oct 11, maximum chlorophyll was 3-6  $\mu\text{g/l}$ ; on Oct 17, 10-20  $\mu\text{g/l}$ ; on Oct 19, only 1-2  $\mu\text{g/l}$ . A narrow band of higher chlorophyll, extends from 26d 08'N to 26d 20'N along 82d 01' W. Pockets of chlorophyll of 1-2  $\mu\text{g/l}$  also persist well offshore, along 26N from 82W to 82d20'W. Normal behavior of decreasing chlorophyll offshore was observed.

**NW Florida:** Background chlorophyll (< 0.5  $\mu\text{g/l}$ ) from Panama City west and offshore. Clouds just east of Panama City. (As of Oct 17, up to 1  $\mu\text{g/l}$  in that area, where bloom was reported.) Any bloom is tightly constrained to the coast.

**Texas:** On Oct 18, clouds from 27dN to Galveston. South of 27dN to Brownsville, chlorophyll low at ~1  $\mu\text{g/l}$  (background) along the coast.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch:

1. These data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Distribution for military, international, or commercial purposes is NOT permitted
3. There are restrictions on Internet/Web/public posting of these data.
4. These image products may be published in newspapers (any other publishing arrangements must receive OrbImage approval via the CoastWatch Program).



Wind speed and direction are averaged over twelve hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red vectors indicate that wind direction favors upwelling near the coast.

